

Air Ionizer Verification Record

Ionizer Verification Sequence Number: 08-019

WORKING STANDARD USED						
Asset/ISO #:	Manufacturer:	Model:	Serial No.	Calibration Date:	Calibration Due:	Calibration By:
25746	ION	775	7626	6/18/07	6/18/08	JPL

AIR IONIZER INFORMATION						
Asset/ISO #:	Manufacturer:	Model:	Serial No.	Verification Date:	Verification Due:	Verification By:
28415	ESD System	43162	224001	3-3-08	8-14-08	036
Inspector:	Location:	Owner:	Fail: Y/N ?	Cleaned: Y/N ?	Adjusted: Y/N ?	Prior Sequence#
Minh Do	161/103	Caroline Racho	N	N	N	NA

VERIFICATION DATA						
HBM Sensitivity Level: <u>50</u> ✓ (from Table 1)						
Fan controller setting: <u>High</u> (High, Low, NA)						
Distance of ionizer from the charge plate: <u>24"</u>						
Ionizer Float Potential Tolerance \pm <u>50</u> Vdc. (from Table 1)						
Measured Float Potential values recorded below.						
1	2	3	4	5	Comments:	
<u>-10</u> Vdc.	<u>-10</u> Vdc.	<u>-10</u> Vdc.	<u>-10</u> Vdc.	<u>-10</u> Vdc.		
Ionizer Discharge Voltage Range: \pm 1000 Vdc to $< \pm$ <u>50</u> Vdc (from Table 1)						
Ionizer Discharge Time Tolerance: <u>20</u> seconds. (from Table 1)						
Measured Discharge Time in second(s) and recorded values below.						
1 (+1000 to +Vdc)	2 (+1000 to +Vdc)	3 (+1000 to +Vdc)	4 (+1000 to +Vdc)	5 (+1000 to +Vdc)	Comments:	
<u>3.0</u> sec	<u>3.1</u> sec	<u>2.8</u> sec	<u>3.0</u> sec	<u>3.2</u> sec		
1 (-1000 to -Vdc)	2 (-1000 to -Vdc)	3 (-1000 to -Vdc)	4 (-1000 to -Vdc)	5 (-1000 to -Vdc)	Comments:	
<u>5.2</u> sec	<u>4.9</u> sec	<u>4.8</u> sec	<u>5.0</u> sec	<u>4.8</u> sec		

Record any corrective action required to restored ionizer operation (cleaning, adjustment, replacement, etc.)

If Ionizer was replaced, indicate below the identification of replacement.

Asset/ISO #: _____ Manufacturer: _____ Model: _____ Serial No.: _____

Sequence number for verification of replacement Ionizer: _____

Record inspection schedule and rational for that schedule.